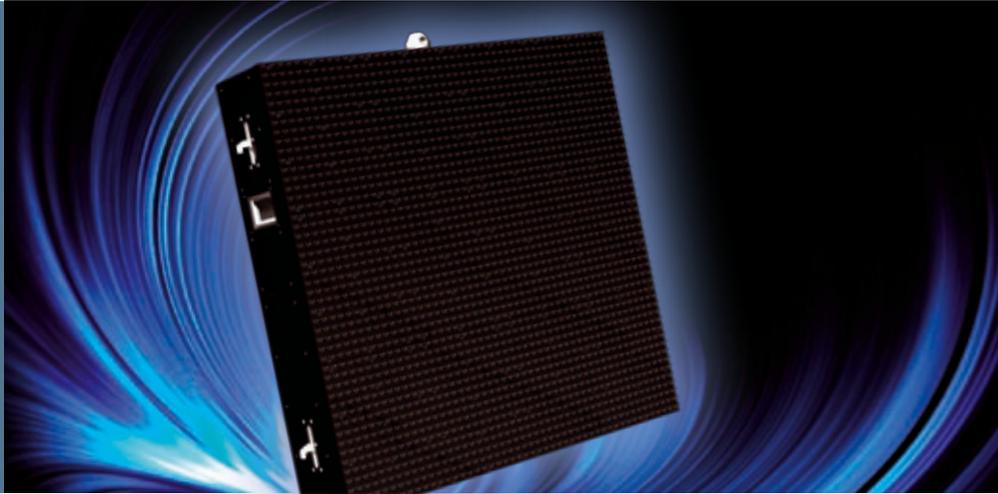


T-16BK

The first black LED outdoor display on the market



Key Benefits

- New black LED with high contrast ratio
- Clickable shaders
- Low weight cabinet with integrated ladder
- Best cost versus video performance
- Fully cross rentable
- IP65 protection rated
- Front and back serviceable

Barco's black outdoor LED display T-16BK is the blackest 16mm outdoor LED display on the market today. It delivers high-resolution full color images with extreme brightness levels. All LEDs are also equally spaced at 8 mm, which gives the display a fill factor that is perfect for video content.

The key feature that makes the T-16BK really unique is a specially designed black lamp LED. This black lamp LED offers vastly improved contrast levels, unseen for any 16 mm LED display on the market today. It allows the T-16BK to display deeper and richer image colors, providing a radically improved image quality.

The T-16BK can be built into any size display, hanging or standing, and is perfectly suited for countless applications in the live events business. It can be used in bright sunlight as well as in rain and is thus ideal for use at all outdoor locations.

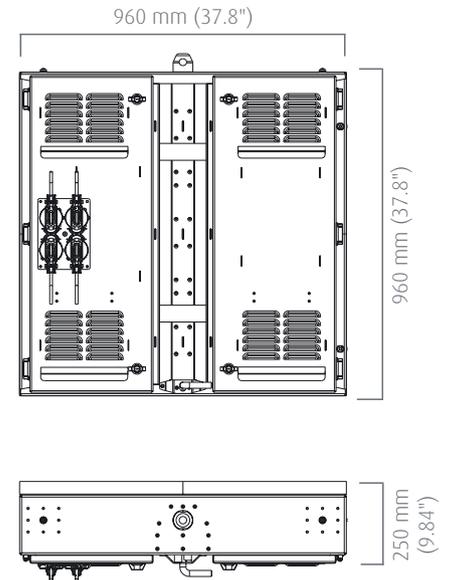
The low weight cabinet with integrated ladder, clickable shaders, front and back access make the T-16BK ideal for quick on the job servicing, which reduces your costs significantly. In short, the T-16BK is a black outdoor LED display that offers a supreme image quality for the best possible return on investment.

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T-16BK Technical specifications

Pixel pitch	16 mm
Brightness (display calibrated at 6,500K)	6,000 nits
LED configuration	black LED - 1R, 1G, 1B
Pixel density	3,906/sqm - 363/sqf 3,600/tile (60x60)
Viewing angle (@50% brightness)	H : 110 degree V : +15/-35 degree
Contrast ratio	7,000:1
Lifetime (@50% brightness)	100,000 hrs
Power consumption	400 W max (full white, full brightness, calibrated) 120 W/m ² average
Operation power voltage	200-240 V / 50-60 Hz
Tile size (W x H x D)	960 x 960 x 281.95 mm
Tile/display surface	0.9216 m ²
Weight (including structure)	60 kg/tile (132.2 lbs) - 65 kg/m ²
Protection rating	IP65/54
Application	rental
Processing	16-bit/color
Colors	281 trillion
Refresh rate	800 Hz
Max stacking	6 m
Max hanging	10 m
Link interface	DVI interface (DVI connector)
Max link length	4.5 m (by Barco DVI cable)
Interface port	x2 DVI link
Max power cascade connection	3 tiles
Servicing	back (clickable shader)
Operating temperature	-35 – 50°C
Storage temperature	-35 – 50°C
Operation humidity	10 – 99%
Storage humidity	10 – 99%
Source compatibility (with digitizer)	CVBS, YC, YUV, RGB, DVI, SDI, HDSDI (DX700: and Dual link DVI, Dual link HDSDI)
Operatable digitizer	DX-700 (with DVI output card) D320 LED-PRO
Certification	ETL, CE, FCC, RoHS, CCC, TUV
Order number	R9004827F4



March 2009

The information and data given are typical for the equipment described.
However any individual item is subject to change without any notice.
The latest version of this brochure can be found on www.barco.com.

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